

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002662

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ G01C3/06, G01S17/10, H01L27/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ G01C3/00-3/32, G01B11/00-11/30, G01S7/48-7/51,
G01S17/00-17/95, H01L27/14-27/148

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	JP 2004-294420 A (Shoji KAWAHITO), 21 October, 2004 (21.10.04), Full text; all drawings & WO 2004/070313 A1	1, 3, 5, 7-12
A	JP 2004-45304 A (Matsushita Electric Works, Ltd.), 12 February, 2004 (12.02.04), Full text; all drawings & WO 2004/008175 A1	1-12
A	JP 2004-32682 A (Matsushita Electric Works, Ltd.), 29 January, 2004 (29.01.04), Full text; all drawings & WO 03/085413 A2 & EP 1493043 A2	1-12

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
04 April, 2005 (04.04.05)

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Name and mailing address of the ISA/
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-247809 A (Olympus Optical Co., Ltd.), 05 September, 2003 (05.09.03), Full text; all drawings (Family: none)	1-12
A	JP 2002-368205 A (Olympus Optical Co., Ltd.), 20 December, 2002 (20.12.02), Full text; all drawings (Family: none)	1-12
A	WO 02/049339 A2 (CANESTA, INC.), 20 June, 2002 (20.06.02), Full text; all drawings & US 2001/0048519 A1 & EP 1356664 A2	1-12
A	JP 2001-194458 A (Denso Corp.), 19 July, 2001 (19.07.01), Full text; all drawings & US 6400448 B1 & DE 10054676 A1	1-12
A	JP 2001-268445 A (Fuji Xerox Co., Ltd.), 28 September, 2001 (28.09.01), Full text; all drawings (Family: none).	1-12
A	JP 2000-517427 A (SCHWARTE Rudolf), 26 December, 2000 (26.12.00), Full text; all drawings & WO 98/10255 A1 & US 6825455 B1 & EP 1009984 A1 & DE 19704496 A1	1-12
A	JP 7-142761 A (Mitsubishi Electric Corp.), 02 June, 1995 (02.06.95), Full text; all drawings & US 5581094 A	1-12